



213202.00309

Image DAC \$
Office of Petitions
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)	
	:	Examiner: R.A. Hopkins
Bowie G. KEEFER, et al.)	Group Art Unit: 1724
	:	
Application No.: 09/886,469)	Allowed: October 1, 2003
	:	Confirmation No.: 6848
Filed: June 22, 2001)	
	:	
For: GAS SEPARATION WITH SPLIT)	January 20, 2004
STREAM CENTRIFUGAL	:	
TURBOMACHINERY)	

BOX PETITIONS
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

**PETITION OF APPLICANTS TO WITHDRAW
APPLICATION FROM ISSUE PURSUANT TO 37 C.F.R. § 1.313(c)(2)**

Sir:


In accordance with the requirements of 37 C.F.R. § 1.313(c)(2),
Applicants respectfully petition the Commissioner to withdraw the above-
identified application from issue. Withdrawal of the application from issue is
believed necessary so that Applicants may submit an Information Disclosure
Statement.

Because the Issue Fee was paid in this application on December
30, 2003, Applicants also enclose herewith a Request for Continued Examination
under 37 C.F.R. § 1.114 and an Information Disclosure Statement.

Applicants hereby authorize the Commissioner to charge the
Petition fee required under 37 C.F.R. § 1.17(h) and the RCE fee required under
35 C.F.R. § 1.17(e) to Deposit Account No. 50-1710. A Fee Transmittal is
enclosed for this purpose.

Applicants' undersigned attorney may be reached in our
Washington, D.C. office by telephone at (202) 625-3500. All correspondence
should continue to be directed to our address below.

Respectfully submitted,


Attorney for Applicants
Dawn C. Hayes
Registration No. 44,751

Patent Administrator
KATTEN MUCHIN ZAVIS ROSENMAN
525 West Monroe Street
Suite 1600
Chicago, Illinois 60661-3693
Facsimile: (312) 902-1061

MODIFIED

JAN 20 2004

FEE TRANSMITTAL

for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27
TOTAL AMOUNT OF PAYMENT (\$)**515.00**

Complete if Known

Application Number	09/886,469
Filing Date	06/223/2001
First Named Inventor	Bowie G. KEEFER
Examiner Name	R.A. Hopkins
Art Unit	1724
Attorney Docket No.	213202.00309

METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account:

Deposit Account

50-1710

Account Name

KATTEN MUCHIN ZAVIS ROSENMAN

The Director is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments

☒ Charge above Deposit Account with any additional fees necessary UNDER 37 CFR 1.16 AND/OR 1.17 to maintain pendency of this application.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1001 770	2001 385	Utility filing fee	
1002 340	2002 170	Design filing fee	
1003 530	2003 265	Plant filing fee	
1004 770	2004 385	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	
SUBTOTAL (1)			(\$) 0.00

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Extra Claims	Fee from below	Fee Paid
Independent Claims	-20** =	18.00	
Multiple Dependent	-3** =	86.00	
		290.00	

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
1202 18	2202 9	Claims in excess of 20
1201 86	2201 43	Independent claims in excess of 3
1203 290	2203 145	Multiple dependent claim, if not paid
1204 86	2204 43	** Reissue independent claims over original patent
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$)**0.00**

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for <i>ex parte</i> reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for reply within first month	
1252 420	2252 210	Extension for reply within second month	
1253 950	2253 475	Extension for reply within third month	
1254 1,480	2254 740	Extension for reply within fourth month	
1255 2,010	2255 1,005	Extension for reply within fifth month	
1401 330	2401 165	Notice of Appeal	
1402 330	2402 165	Filing a brief in support of an appeal	
1403 290	2403 145	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,330	2453 665	Petition to revive - unintentional	
1501 1,330	2501 665	Utility issue fee (or reissue)	
1502 480	2502 240	Design issue fee	
1503 640	2503 320	Plant issue fee	
1460 130	1460 130	Petitions to the Commissioner	130.00
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	
1806 180	1806 180	Submission of Information Disclosure Stmt	
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	
1809 770	2809 385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 770	2810 385	For each additional invention to be examined (37 CFR 1.129(b))	
1801 770	2801 385	Request for Continued Examination (RCE)	385.00
1802 900	1802 900	Request for expedited examination of a design application	

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)**515.00**

SUBMITTED BY

Name: Dawn C. Hayes

Registration No.: 44,751

Telephone: (202) 625-3500

Signature: 

Date: 01/20/2004

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.



MODIFIED

Request
for
Continued Examination (RCE)
Transmittal

Address to:
Mail Stop RCE
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Application Number	09/886,469
Filing Date	06/22/2001
First Named Inventor	Bowie G. KEEFER
Art Unit	1724
Examiner Name	R.A. Hopkins
Attorney Docket Number	213202.00309

This is a Request for Continued Examination (RCE) under 37 CFR 1.114 of the above-identified application. Request for Continued Examination (RCE) practice under 37 CFR 1.114 does not apply to any utility or plant application filed prior to June 8, 1995, or to any design application. See Instruction Sheet for RCEs (not to be submitted to the USPTO) on page 2.

1. **Submission required under 37 CFR 1.114** Note: If the RCE is proper, any previously filed unentered amendments and amendments enclosed with the RCE will be entered in the order in which they were filed unless applicant instructs otherwise. If applicant does not wish to have any previously filed unentered amendment(s) entered, applicant must request non-entry of such amendment(s).

a. ☐ Previously submitted. If a Final Office Action is outstanding, any amendments filed after the final Office action may be considered as a submission even if this box is not checked.

i. ☐ Consider the arguments in the Appeal Brief or Rely Brief previously filed on _____

ii. ☐ Other _____

b. ☒ Enclosed

i. ☐ Amendment/Reply

iii. ☒ Information Disclosure Statement (IDS)

ii. ☐ Affidavit(s)/ Declaration(s)

iv. ☐ Other _____

2. **Miscellaneous**

a. ☐ Suspension of action on the above-identified application is requested under 37 CFR 1.103(c) for a period of _____ months. (Period of suspension shall not exceed 3 months; Fee under 37 CFR 1.17(i) required)

b. ☐ Other _____

3. **Fees**

The RCE fee under 37 CFR 1.17(e) is required by 37 CFR 1.114 when the RCE is filed.

The Director is hereby authorized to charge the following fees, or credit any overpayments, to

a. ☒ Deposit Account No. 50-1710

i. ☒ RCE fee required under 37 CFR 1.17(e)

ii. ☐ Extension of time fee (37 CFR 1.136 and 1.17) for 2-months

iii. ☐ Other _____

**A FEE TRANSMITTAL SHEET IS
SUBMITTED HEREWITH**

b. ☐ Check in the amount of \$ _____ enclosed

c. ☐ Payment by credit card (Form PTO-2038 enclosed)

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED

Name (Print/Type)	Dawn C. Hayes	Registration No. (Attorney/Agent)	44,751
Signature	<i>Dawn C. Hayes</i>	Date	01/20/2004

CERTIFICATE OF MAILING OR TRANSMISSION

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Mail Stop RCE, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450 or facsimile transmitted to the U.S. Patent and Trademark Office on the date shown below.

Name (Print/Type)

Signature

Date

01/22/2004 MDAMTE1 00000007 501710 09886469

01 FC:2801 385.00 DA



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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)	
	:	Examiner: R.A. Hopkins
Bowie G. KEEFER, et al.)	Group Art Unit: 1724
	:	
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STREAM CENTRIFUGAL	:	
TURBOMACHINERY)	

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56 and in accordance with the practice under 37 C.F.R. §§ 1.97 and 1.98, the Examiner's attention is directed to the documents listed on the enclosed Form PTO-1449. Copies of the cited references can be found in parent application 09/464,446 (from which this application claims the benefit of priority under 35 U.S.C. § 120).


In accordance with 37 C.F.R. § 1.97(h), this Information Disclosure Statement is not to be construed as an admission that the information cited is, or is considered to be, material to the patentability as defined in 37 C.F.R. § 1.56(b). This Information Disclosure Statement is also

No fee is believed necessary for submission of this Information Disclosure Statement.

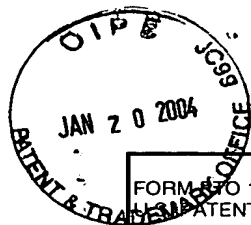
It is respectfully requested that the listed information be considered by the Examiner and that an initialed copy of the enclosed Form PTO-1449 be returned indicating that such information has been considered.

Applicants' undersigned attorney may be reached in our Washington, D.C. office by telephone at (202) 625-3500. All correspondence should continue to be directed to our address given below.

Respectfully submitted,


Attorney for Applicants
Dawn C. Hayes
Registration No.: 44,751

Patent Administrator
KATTEN MUCHIN ZAVIS ROSENMAN
525 West Monroe Street
Suite 1600
Chicago, Illinois 60661-3693
Facsimile: (312) 906-1021



FORM PTO 1449 MODIFIED
U.S. PATENT AND TRADEMARK OFFICE

ATTORNEY DOCKET NO.

213202.00309

APPLICATION NO.

09/886,469

LIST OF REFERENCES CITED BY APPLICANTS(S)

APPLICANT

Bowie G. KEEFER

DATE SUBMITTED TO USPTO: January 20, 2004

FILING DATE

06/22/2001

GROUP

1724

U.S. PATENT DOCUMENTS

*EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	3,143,103	08/1964	ZUHN			
	3,269,119	08/1966	PRICE			
	3,757,492	09/1973	GRAFF			
	3,781,126	12/1973	BENISEK			
	3,829,235	08/1974	WOOLLENWEBER, JR.			
	3,937,013	02/1976	ASPINWALL			
	3,953,147	04/1976	ASPINWALL			
	3,994,618	11/1976	ERICKSON			
	4,612,022	09/1986	BERRY			
	4,957,523	09/1990	ZARATE, et al.			
	5,080,700	01/1992	BERGLOFF, et al.			
	5,105,616	04/1992	BORNEMISZA			
	5,406,796	04/1995	HIERETH, et al.			
	5,441,559	08/1995	PETIT, et al.			
	6,051,050	04/2000	KEEFER, et al.			

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION OR ABSTRACT
0 270 723	06/1988	EP			
0 681 860	03/1995	EP			
0 853 967	07/1998	EP			
WO 98/39563	11/1998	WO			
WO 99/28013	06/1999	WO			

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through situation if not in conformance and not considered. Include copy of this form with next communication to applicant.

SHEET 1 OF 1